

In the Claims

1.-15. (Cancelled)

16. (Currently Amended) A method of RTM molding comprising:

forming a reinforcing fiber substrate as a preform having a first fiber volume content, which is a ~~rate of a~~ volume of reinforcing fibers ~~relative to a~~ in the bulk volume of ~~said the~~ reinforcing fiber substrate, that is lower than a target fiber volume content;

placing the reinforcing fiber substrate in a mold;

providing a resin injection line and an evacuation line each communicating with an inside of said mold;

reducing pressure in said mold by evacuation;

injecting a resin into said mold and impregnating the resin into said reinforcing fiber substrate to form an FRP molded material to achieve a fiber volume content lower than the target fiber volume content of said FRP molded material;

stopping injection of the resin; and

thereafter, continuing evacuation of the resin until reaching said target fiber volume content,

wherein, after said injection of resin is stopped, at least one line of resin injection lines is changed to an evacuation line, and said evacuation of resin is continued until reaching said target fiber volume content and, upon reaching the target fiber volume content, said evacuation of resin is stopped and the resin is cured by temperature elevation by heating.

17. (Cancelled)

18. (Cancelled)

19. (Previously Presented) The method of RTM molding according to claim 16, wherein said target fiber volume content is in a range of 55 to 65%.

20. (Currently Amended) The method of RTM molding according to claim 16, wherein said first fiber volume content ~~lower than said target fiber volume content~~ is in a range of 45 to 60%.

21. (Currently Amended) The method of RTM molding according to claim 20, wherein said first fiber volume content ~~lower than said target fiber volume content~~ is in a range of 45 to 55%.

22. (Previously Presented) The method of RTM molding according to claim 16, wherein reaching said target fiber volume content is determined by measurement of a thickness of said reinforcing fiber substrate.

23. (Currently Amended) The method of RTM molding according to claim 16, wherein an injection amount of resin corresponding to ~~said the first~~ fiber volume content ~~lower than said target fiber volume content~~ is preset as an injection amount preset, and said injection of resin is stopped at the time ~~reaching~~ said injection amount preset is reached.

24. (Currently Amended) The method of RTM molding according to claim 16, wherein an evacuation amount for reaching said target fiber volume content is preset, relative to an injection amount of resin[[,]] as an evaluation amount preset and said evacuation of resin is stopped at the time ~~reaching~~ said evacuation amount preset is reached.

25. (Previously Presented) The method of RTM molding according to claim 16, wherein at least one layer of said reinforcing fiber substrate comprises a carbon fiber layer.

26. (Original) The method of RTM molding according to claim 25, wherein said carbon fiber layer is formed as a woven fabric.

27. (Original) The method of RTM molding according to claim 26, wherein said woven fabric is formed as a unidirectional woven fabric.

28.-36. (Cancelled)